

# CAUTION

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

## Phoenix<sup>®</sup> C Flowable Seed Dressing



**ADAMA**  
ESSENTIALS

ACTIVE CONSTITUENTS: 150 g/L TRIADIMENOL  
4 g/L CYPERMETHRIN

GROUP **3** FUNGICIDE    GROUP **3A** INSECTICIDE

*For control of bunt, flag smut and loose smut of wheat and suppression of seedling stripe rust and speckled leaf blotch.  
For control of covered smut, loose smut and powdery mildew of barley and suppression of leaf scald.  
For control of loose and covered smut of oats.  
For protection against insect pests of stored grain.*

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CONTENTS: 5 L, 10 L, 20 L

### DIRECTIONS FOR USE

**RESTRAINT:** DO NOT treat physically damaged seed.

CROP	DISEASE/PEST	RATE	CRITICAL COMMENTS
Wheat	Bunt, Flag Smut (seed and soil borne), Loose Smut Suppression of seedling infections of Stripe Rust (not NT)	100 mL/100 kg seed	PHOENIX C Flowable Seed Dressing should be mixed with water to given even coverage of seed. The quantity of water used for mixing will vary depending on type of equipment and quality of seed. Use a minimum of 400 mL of mixture (ie. PHOENIX C plus water) with each 100kg of seed. DO NOT use more than 600 mL of mixture (product + water) with each 100 kg of seed. Whatever dilution is used it is essential that 100 mL (or 150 mL) of PHOENIX C is applied/100 kg seed. The mixture should be gently stirred regularly. If nasal irritation occurs wear a facemask while treating seed. Use the 150 mL/100 kg seed rate in areas where foliar diseases frequently occur and where any of the following are required: – longer suppression of stripe rust on seedlings – control of seedling infections of powdery mildew – suppression of speckled leaf blotch in wheat – extended suppression of leaf scald in barley and use higher rate on more susceptible varieties or where disease pressure is heavy.
Oats	Covered and Loose Smut (not NT)		
Barley	Covered and Loose Smut Suppression of seedling infections of Powdery Mildew (not NT) Suppression of seedling infections of Leaf Scald (not Qld, NT)		
Wheat	Bunt, Flag Smut (seed and soil borne), Loose Smut. Suppression of seedling infections of Stripe Rust (not Qld, NT) Suppression of seedling infections of Speckled Leaf Blotch (not Qld, NT and WA).	150 mL/100 kg seed	
Barley	Covered and loose Smut. Control of seedling infections of Powdery Mildew. Suppression of seedling infections of Leaf Scald (not Qld, NT).		
Wheat Barley Oats	Protection against insect pests of stored grains: Granary Weevil, Indian Meal Moth, Lesser Grain Borer, Rice Weevil, Rust-Red Flour Beetle, Sawtoothed Grain Beetle, Tropical Warehouse Moth (not NT)	100 or 150 mL/100 kg seed	Both rates give protection against insect pests. Use rate appropriate to disease control required.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHHOLDING PERIOD:** DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN 5 WEEKS OF SOWING.

## GENERAL INSTRUCTIONS

PHOENIX®C Flowable Seed Dressing, especially at the higher rate of 150 mL/100 kg seed, may delay emergence of wheat. Crops will recover rapidly in most soil types. However, seed treated with the 150 mL/100 kg seed rate should not be sown in soils that are likely to crust or clod at the surface after sowing. Sowing PHOENIX C treated wheat deeper than 50 mm may also slightly reduce percentage plant establishment in heavier soils and sowing rates may need to be adjusted accordingly. The possible delay in emergence of wheat treated with the 150 mL/100 kg seed rate may counteract the advantage of suppression of speckled leaf blotch.

## SEED QUALITY

PHOENIX C should not be used on seed with more than 12% moisture content, or on sprung, sprouted, damaged or severely pinched seed, or seed of poor viability. If in doubt, have a germination test carried out on the seed before treatment to ensure that it is of acceptable standard. Treating with PHOENIX C as directed will raise the moisture level of the seed by up to 0.6%, depending on weather conditions at treatment. The use of PHOENIX C mixed with water at recommended rates will have no effect on the storage life of treated sound seed.

## STORAGE OF TREATED SEED

Treated seed may be held over for sowing in the following season. If so, additional insecticide treatment may be necessary. If the seed is not used immediately after treatment it should be stored in a dry, well-ventilated place. Although PHOENIX C has no effect on the viability of treated seed, subsequent germination can be adversely affected by poor storage conditions such as high moisture combined with high temperatures. No liability can therefore be accepted for the performance of stored treated seed.

## CLEANING AUGERS

Equipment should be thoroughly cleaned with water. In the event of changing from this water based flowable formulation to a solvent based liquid formulation, it is essential to rinse equipment with methylated spirits after thoroughly cleaning with water. If changing from a solvent based liquid to this water based flowable, thoroughly clean with methylated spirits then rinse with water. Failure to do so will result in clogging of equipment.

## FUNGICIDE RESISTANCE WARNING

PHOENIX C is a member of the DMI group of fungicides. For fungicide resistance management the product is a Group 3 fungicide. Some naturally occurring individual fungal populations resistant to the product and other Group 3 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and other Group 3 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Adama Australia Pty. Ltd. accepts no liability for any losses that result from failure of this product to control resistant fungi.

GROUP **3** FUNGICIDE

## INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, PHOENIX C is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to PHOENIX C and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PHOENIX C and other Group 3A insecticides are used repeatedly. The effectiveness of PHOENIX C on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Adama Australia Pty. Ltd. accepts no liability for any losses that may result from the failure of PHOENIX C to control resistant insects. PHOENIX C may be subject to specific resistance management strategies. For further information contact your local supplier, Adama representative or local agricultural department agronomist.

GROUP **3A** INSECTICIDE

## PRECAUTIONS

If possible, use a separate auger for treating seed. If using the same auger for treating seed and moving grain for human consumption, remove all PHOENIX C residue from the auger to avoid contaminating untreated seed with seed dressing residues. DO NOT allow seed treated with this product to contaminate seed intended for human consumption.

## PROTECTION OF LIVESTOCK

Seed treated with this product must not be used for animal consumption or poultry feed or mixed with animal feed.

DO NOT allow seed treated with this product to contaminate seed intended for animal consumption.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT feed treated seed or otherwise expose to wild or domestic birds. Harmful to fish. DO NOT contaminate streams, rivers or waterways with this chemical or containers or bags which have held treated seed.

## STORAGE AND DISPOSAL

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. DO NOT use treated seed for human consumption. Bags which have held treated seed are not to be used for any other purpose. Store product in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with the relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

## SAFETY DIRECTIONS

May irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water.

## FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126.

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for PHOENIX C Flowable Seed Dressing is available from Adama on request. Call Customer Service on (02) 9431 7800.

**CONDITIONS OF SALE** The use of PHOENIX C Flowable Seed Dressing being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia Pty. Ltd. regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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## NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

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APVMA Approval No.: 51860/100573  
Batch No.

Date of Manufacture